



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	130707
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Complete if Known

Application Number	10/748,518
Filing Date	December 30, 2003
First Named Inventor	Irene Spitsberg et al.
Art Unit	
Examiner Name	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
AS	US- 4,861,618		08/29/1989	Vine et al.	
ASR	US- 5,350,599		09/27/1994	Rigney et al.	
ASR	US- 5,384,200		01/24/1995	Giles et al.	
ASR	US- 5,705,231		01/06/1998	Nissley et al.	
ASR	US- 5,942,334		08/24/1999	Wortman	
ASR	US- 5,981,088		11/09/1999	Bruce et al.	
ASR	US- 6,025,078		02/15/2000	Rickerby et al.	
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ASR	US- 6,117,560		09/12/2000	Maloney	
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ASR	US- 6,284,325 B1		09/04/2001	Maloney	
ASR	US- 6,319,614 B1		11/20/01	Beele	
ASR	US- 6,333,118 B1		12/21/2001	Alperine et al.	
ASR	US- 6,352,788 B1		03/05/2001	Bruce	
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ASR	US- 2003/0044624 A1		03/06/2003	Spitsberg et al.	
ASR	US- 2003/0224200 A1		12/04/03	Bruce	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	T ²
HW		HWANG et al., "Grain Size Control of Tetragonal Zirconia Polycrystals Using the Space Charge Concept", J. Am. Ceram. Soc., 1990, 73(11):3269-77	
HW		BRUCE, "Development of 1232°C (2250°F) Erosion and Impact Tests for Thermal Barrier Coatings", Tribology Trans., (1998), 41(4):399-410	
HW		KIM, "Effect of Ta ₂ O ₅ , Nb ₂ O ₅ , and HfO ₂ Alloying on the Transformability of Y ₂ O ₃ -Stabilized Tetragonal ZrO ₂ ", J. Am. Ceram. Soc., 73(1):115-120	
HW		VASSEN et al., "Zirconates as New Materials for Thermal Barrier Coatings," J. Am. Ceram. Soc., 83(8):2023-28 (2000)	

Examiner Signature		Date Considered	10/31/04
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Attorney Docket No. 130707

COPENDING U.S. PATENT APPLICATIONS

Examiner Initial	Applicant(s)	Serial No.	Filing Date	Attorney Docket No.
JM	Gorman et al	10/748,516	12/30/03	127051
JM	Boutwell et al	10/748,517	12/30/03	127084
JM	Darolia et al.	10/748,519	12/30/03	128895
JM	Spitsberg et al.	10/748,508	12/30/03	129967
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JM	Spitsberg et al	10/748,521	12/30/03	130706
JM	Spitsberg et al	10/748,513	12/30/03	143385